AUTODOC CLUB

How to change track rod end on **RENAULT Clio I Van** – replacement guide

SIMILAR VIDEO TUTORIAL

This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
RENAULT Clio I Van 1.1, RENAULT Clio I Van 1.2, RENAULT Clio I Van 1.9 D, RENAULT Clio I Van 1.9 RND

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: RENAULT Megane Scenic (JA) 1.6 16V

REPLACEMENT: TRACK ROD END – RENAULT CLIO I VAN. LIST OF THE TOOLS YOU'LL NEED:

- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #13
- Combination spanner #19
- Combination spanner #22
- Drive socket # 16
- Drive socket # 17
- Wheel impact socket #19
- Ratchet wrench
- Tap wrench
- Ball joint puller
- Vernier caliper
- Wheel chock

Buy tools

Replacement: track rod end – RENAULT Clio I Van. Tip from AUTODOC:

- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- Please note: all work on the car – RENAULT Clio I Van – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.

2 Loosen the wheel mounting bolts. Use wheel impact socket #19.

3 Raise the car.

Replacement: track rod end – RENAULT Clio I Van. Tip from AUTODOC:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

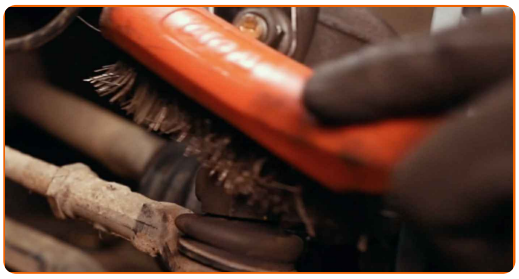
4 Unscrew the wheel bolts.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. RENAULT Clio I Van

5 Remove the wheel.

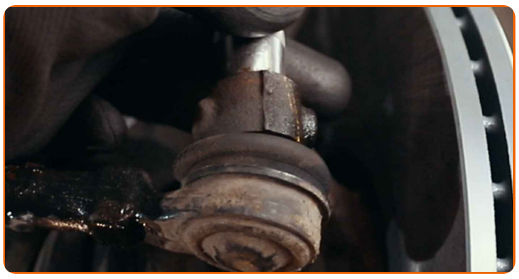
6 Clean all tie rod end connections. Use a wire brush. Use WD-40 spray.



7 When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.

8 Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #19. Use a combination spanner #22.

9 Unscrew the end fastening nut to the steering knuckle. Use a drive socket #16. Use a tap wrench.



10 Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.

11 Screw the end out of the tie rod. Use a combination spanner #13. Use a combination spanner #19.

12 Clean the mounting seats of the tie rod end. Use a wire brush.

13 Treat the mounting seats of the tie rod end. Use copper grease.

14 Screw on a new tie rod end. Use a vernier caliper.

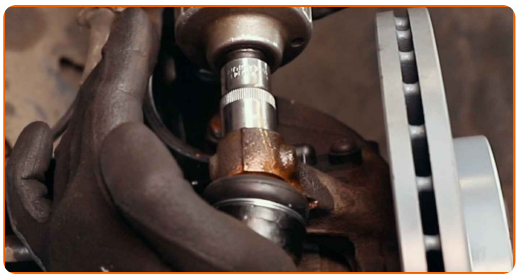
Replacement: track rod end – RENAULT Clio I Van. Tip from AUTODOC:

- While installing the steering rod end remember to make the same number of turns or to leave the same length of thread showing as per your measurements.

15 Screw on the tie rod end jam nut. Use a combination spanner #19. Use a combination spanner #22.

16 Connect the tie rod end to the steering knuckle.

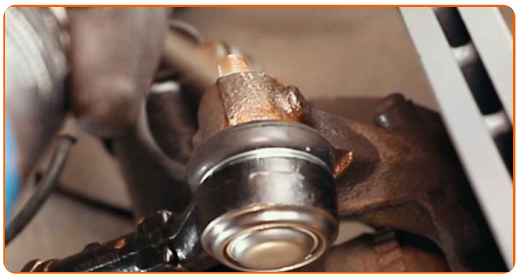
17 Screw on the fastening nut that connects the tie rod end to the steering knuckle. Use a drive socket #17. Use a ratchet wrench.



18 Tighten the tie rod end locknut. Use a combination spanner #19. Use a combination spanner #22. Use a torque wrench. Tighten it to 50 nm torque.

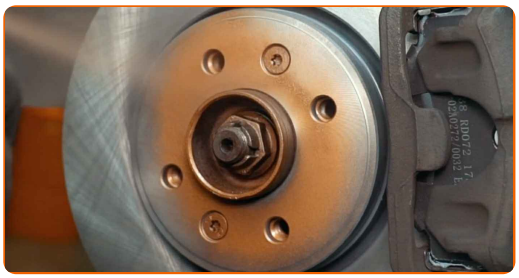
19 Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #17. Use a torque wrench. Tighten it to 35 nm torque.

20 Treat the fastener connecting the tie rod end to the steering knuckle. Use copper grease.



21 Clean the wheel rim mounting seat. Use a wire brush.

22 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



23 Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

24 Install the wheel.

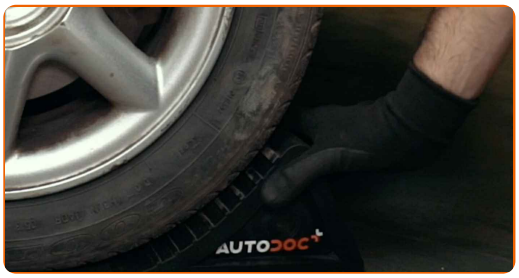
AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. RENAULT Clio I Van

25 Screw in the wheel bolts. Use wheel impact socket #19.

26 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 90 Nm torque.

27 Remove the jacks and chocks.



Replacement: track rod end – RENAULT Clio I Van. AUTODOC experts recommend:

- After replacing the component, it is advisable to realign the wheels using a wheel aligner.

WELL DONE!

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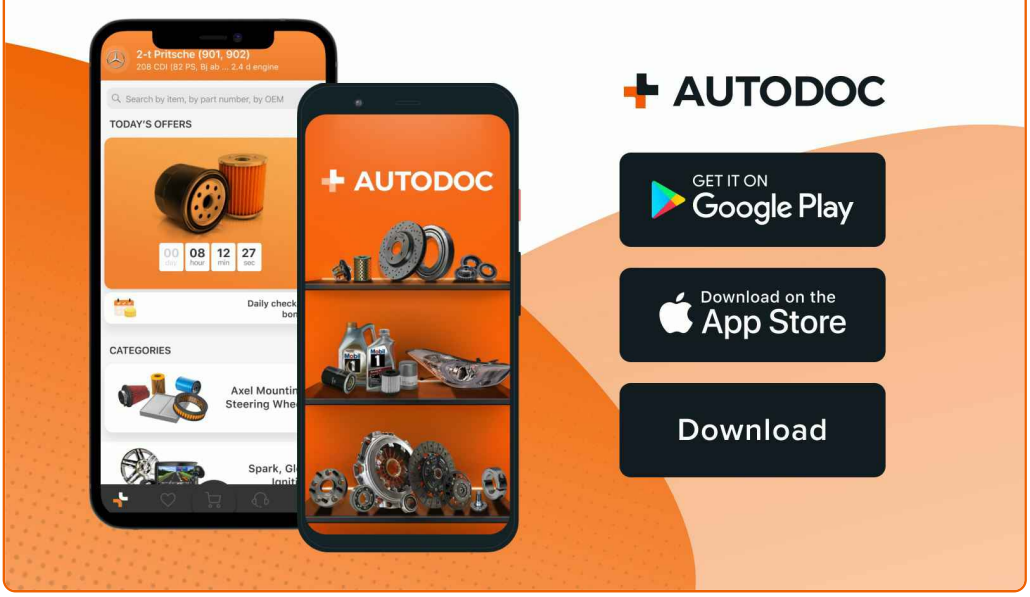

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TRACK ROD END: A WIDE SELECTION

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